

ExtendNet VPN Remote Client Set Up and Quick Reference Guide for Windows 95/98 and Windows NT

Overview

ExtendNet VPN is a PC-to-LAN Virtual Private Network Server which enables multiple remote users to simultaneously and securely access a LAN from virtually anywhere in the world using the Internet.

Before You Start

Before you can access the ExtendNet VPN to establish a PC-to-LAN remote access connection, perform the following:

- Obtain the IP address or DNS name of the ExtendNet VPN you wish to access.
- Ensure the remote PC's modem is installed, correctly configured and connected to a phone line.
- Obtain a username and password from your system administrator to use when accessing the ExtendNet VPN. (*Note: This may or may not be the same as your normal network user name and password.*)
- Subscribe with a local Internet Service Provider (ISP) and obtain a phone number, username and password to access the ISP.
- Locate the required disks/CDs to install and configure the dial-up networking software.
(*Note: You will need the VPN Client Update disks and your Windows installation disks/CDs. If you are using Windows NT, the Service Pack 3 installer is required. If Novell Client32 is installed, the installation disks/CDs will be needed.*)

Installation

Windows 95

1. Insert the *VPN Client Update Disk 1* in the floppy drive.
2. From the **Start** menu, select **Run**.
3. Enter **A:\setup.exe** and click **OK** to start the install program.
4. Follow the on-screen instructions displayed by the installer and keep the *Install the Microsoft DUN update* check box selected on the last screen. Click **Finish**.
5. The Microsoft Dial-Up Networking installer will start. Click **Yes**. Click **Yes**.
6. If TCP/IP is not installed, the installer will add it automatically. Click **OK**.
7. Restart your computer.
8. Windows 95 Setup will start. If prompted *Do you want to keep this file?* Click **Yes**.
9. Restart your computer.

Windows 98

1. From the **Start** menu, select **Settings** and then **Control Panel**.
2. Double-click the **Network** icon.
3. Verify both the *Dial-Up Adapter* and *Microsoft Virtual Private Networking Adapter* are installed.
4. If either adapter is not present, click **Add**. Select **Adapter** and click **Add**. Select **Microsoft** from the *Manufacturers* list and then select the required adapter. Click **OK**.
5. Insert the *VPN Client Update Disk 1* in the floppy drive.
6. From the **Start** menu, select **Run**.
7. Enter **A:\setup.exe** and click **OK** to start the install program.
8. Follow the on-screen instructions displayed by the installer and keep the *Install the Microsoft DUN update* check box selected on the last screen.
9. The 40 bit encryption update for Dial-Up Networking will start. Click **Yes**. Click **Yes**.
10. Restart your computer.

Windows NT

1. From the **Start** menu, select **Settings** and then **Control Panel**.
2. Double-click the **Network** icon.
3. Select the **Protocols** tab and click the **Add** button.
4. Select **Point to Point Tunneling Protocol** and click **OK**.
5. When prompted for the Windows NT files, insert the CD-ROM or disk into the drive and click **Continue**.
6. When prompted for the number of Virtual Private Networks, leave the default to 1 and click **OK**.
7. A dialog will appear to notify you that Remote Access Services (RAS) will now be installed. Click **OK**.
8. In the *Add RAS Device* dialog, select **VPN1-RASPPTPM** and click **OK**.
9. Click the **Network** button.
10. Select the desired *Dial out Protocols* from the list. *NetBEUI* should not be selected. Click **OK**, **Continue** and then **Close**.
11. Restart your computer.
12. Install Service Pack 3 even if it has already been installed (any configuration change requires a reinstallation of Service Pack 3). Obtain the *NT4sp3_i.exe* file from Microsoft. Execute the program. Follow the on-screen instructions. If prompted to overwrite the newer file, click the **No to All** button.
13. Restart your computer.
14. Insert the *VPN Client Update Disk 1* in the floppy drive.
15. From the **Start** menu, select **Run**.
16. Enter **A:setup.exe** and click **OK** to start the install program.
17. Follow the on-screen instructions displayed by the installer and keep the *Install the Microsoft DUN update* check box selected on the last screen. Click **Finish**.
18. The Windows NT Hotfix will be installed on your computer.
19. Restart your computer.

Configuration

Windows 95 and Windows 98

Add a Connection for Your Local ISP

1. From the desktop, double-click the **My Computer** icon and then the **Dial-Up Networking** icon.
2. Double-click **Make New Connection**. (If no connections are configured on your computer, the connection wizard is started automatically. Click **Next**.)
3. You may be prompted for Location Information. Enter the appropriate information. Click **Close**.
4. Type the name of your ISP.
5. From the *Select a device*: drop menu, select your modem and click **Next**.
6. Enter the telephone number to access your ISP. Click **Next** and then **Finish**.

Add a Connection for ExtendNet VPN

1. From the *Dial-Up Networking* folder, double-click **Make New Connection**.
2. Type **ExtendNet VPN** for the name of your Remote Access Connection.
3. From the *Select a device*: drop menu, select the **Microsoft VPN Adapter** and click **Next**.
4. Enter the IP address or the DNS name of the ExtendNet VPN. (*Check the back of this brochure for the ExtendNet VPN IP address*.) Click **Next** and then **Finish**.
5. Right-click on the new icon and select **Properties**.
6. Select the **Server Types** tab and check the **Log on to network**, **Enable software compression**, **Require encrypted password** and **Require data encryption** check boxes.
7. Select the appropriate network protocols from the *Allowed network protocols* list. *NetBEUI* should not be selected. Click **OK**.

Windows NT

Add a Connection for Your Local ISP

1. From the desktop, double-click the **My Computer** icon and then the **Dial-Up Networking** icon.
2. You may be prompted to enter Location Information. Enter the appropriate information. Click **Close**.
3. If no connections are configured on your computer, you will be prompted to add an entry. Click **OK** to start the *New Phonebook Entry Wizard*. If at least one connection already exists, click the **New** button from the *Dial-Up Networking* window to start the *New Phonebook Entry Wizard*.
4. In the *Name the new phonebook entry:* field, enter the name of the ISP and click **Next**.
5. Check the **I am calling the Internet** check box and click **Next**.
6. Select the modem connected to your computer in the *Select the modem or adapter this entry will use* dialog box and click **Next**. (If a modem selection is not available, you need to add a modem using the Modem control panel.)
7. In the *Phone number* field, enter the phone number of the ISP and click **Next**.
8. Click **Finish** to complete the connection.

Add a Connection for ExtendNet VPN

1. From the *Dial-Up Networking* dialog, click the **New** button to start the *New Phonebook Entry Wizard*.
2. In the *Name the new phonebook entry:* field, enter **ExtendNet VPN** and click **Next**.
3. On the *Server* screen, click **Next**. All option check boxes should remain unchecked.
4. In the *Select the modem or adapter this entry will use* dialog box, select **RASPPTPM (VPN1)** and click **Next**.
5. Enter the IP address or DNS name of the ExtendNet VPN. (Check the back of this brochure for the ExtendNet VPN IP address.)
6. Click **Next** and then **Finish**.
7. Click the **More** button and select **Edit entry and modem properties** from the menu.
8. Select the **Server** tab.
9. In the *Network protocols* section, select **TCP/IP** and **IPX/SPX compatible** if your network supports these protocols. Do not select *NetBEUI*. (If an unsupported protocol is selected an error message will be returned.)
10. Select the **Security** tab.
11. Select **Accept only Microsoft encrypted authentication and Require data encryption**. Click **OK**.

Connecting

1. From the desktop, double-click the **My Computer** icon and then the **Dial-Up Networking** icon.
2. Select the connection for the ISP.
3. For *Windows 95/98*, enter the *Username* and *Password* given to you by your ISP and click the **Connect** button.
4. For *Windows NT*, click **Dial** and enter the *Username* and *Password* given to you by your ISP.
5. After the connection to your ISP has been authenticated, select the connection for the ExtendNet VPN.
6. For *Windows 95/98*, enter the *Username* and *Password* given to you by the ExtendNet VPN administrator and click the **Connect** button.
7. For *Windows NT*, click **Dial** and enter the *Username* and *Password* given to you the ExtendNet VPN administrator.
8. After you have been authenticated to the network, you may check your e-mail and browse the network as if you were physically connected to the LAN.

Disconnecting

1. From the desktop, double-click the **My Computer** icon and then the **Dial-Up Networking** icon.
2. Select the phonebook entry for the ExtendNet VPN.
3. For *Windows 95/98*, click the **Disconnect** button.
4. For *Windows NT*, click the **Hang Up** button.
5. Select the phonebook entry for the ISP.
6. For *Windows 95/98*, click the **Disconnect** button.
7. For *Windows NT*, click the **Hang Up** button.